East Search 3rd time trying to get ~~Food~~ available product

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comment	Error Date	Errors
1	BRS	L1	0	cyroacure same uvr same "6105"	USPAT	2000/09/20 15:46			0
2	BRS	L2	16	cyracure same uvr same "6105"	USPAT	2000/09/20 15:58			0
3	BRS	L3	3701	3,4-epoxycyclohexylmethyl-3,4-epoxycyclohexene carboxylate	USPAT	2000/09/20 15:58			0
4	BRS	L4	374	3,4-epoxycyclohexylmethyl-3,4-epoxycyclohexene adj carboxylate	USPAT	2000/09/20 15:59			0
5	BRS	L6	0	4 and 5	USPAT	2000/09/20 16:00			0
6	BRS	L5	278	(Epon adj "1050") or (ECN adj ("1273" "1280" "9495"))	USPAT	2000/09/20 16:03			0
7	BRS	L7	0	5 and (25$acrylate 25$methacrylate)	USPAT	2000/09/20 16:04			0
8	BRS	L8	160	5 and (acrylate methacrylate)	USPAT	2000/09/20 16:05			0
9	BRS	L9	29	5 and (acrylate methacrylate) and (cycloaliphatic adj epoxy)	USPAT	2000/09/20 16:36			0
10	BRS	L10	184	525/482.ccls.	USPAT	2000/09/20 17:20			0
11	BRS	L11	88	sr adj "351"	USPAT	2000/09/20 18:23			0
12	BRS	L12	245	522/142,144.ccls.	USPAT	2000/09/20 18:24			0
13	BRS	L13	245	(522/142 522/144).ccls.	USPAT	2000/09/20 18:24			0
14	BRS	L14	245	(522/142 522/144).ccls. not 10	USPAT	2000/09/20 18:24			0
15	BRS	L15	245	(522/142 522/144).ccls. not 525/482.ccls.	USPAT	2000/09/20 18:25			0

C Hamilton

donot take from file

Cited in Search notes

East search

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
1	BRS	L1	0	cyroacure same uvr same [illegible]	USPAT	2000/09/20 15:46			0
2	BRS	L2	16	cyracure same uvr same [illegible]	USPAT	2000/09/20 15:58			0
3	BRS	L3	3704	3,4-epoxycyclohexylmethyl-3,4-epoxycyclohexene adj carboxylate	USPAT	2000/09/20 15:58			0
4	BRS	L4	37	3,4-epoxycyclohexylmethyl-3,4-epoxycyclohexene adj carboxylate 4 and 5	USPAT	2000/09/20 15:59			0
5	BRS	L6	0	(Epon adj "1050") or (ECN adj "1273") and (25$acrylate 25$methacrylate)	USPAT	2000/09/20 16:00			0
6	BRS	L5	278	4 and 5	USPAT	2000/09/20 16:03			0
7	BRS	L7	0	6 and 3 and "12	USPAT	2000/09/20 16:04			0
8	BRS	L8	160	5 and (acrylate methacrylate)	USPAT	2000/09/20 16:05			0
9	BRS	L9	29	5 and (acrylate methacrylate) and (cycloaliphatic adj epoxy)	USPAT	2000/09/20 16:36			0
10	BRS	L10	184	525/482.ccls.	USPAT	2000/09/20 17:20			0
11	BRS	L11	88	sr adj "351"	USPAT	2000/09/20 18:23			0
12	BRS	L12	245	522/142,144.ccls.	USPAT	2000/09/20 18:24			0
13	BRS	L13	245	(522/142 522/144).ccls	USPAT	2000/09/20 18:24			0
14	BRS	L14	245	(522/142 522/144).ccls	USPAT	2000/09/20 18:24			0
15	BRS	L15	245	(522/142 522/144).ccls. not 525/482.ccls.	USPAT	2000/09/20 18:25			0

East Search as printed when screen Showed No ~~proote~~ problem with readability

Noted in Search Notes, do no dispose of.

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comment	Error Def	Errors
1	BRS	L1	0	cyroacure same uvr same "6105"	USPAT	2000/09/20 15:46			0
2	BRS	L2	16	cyracure same uvr same "6105"	USPAT	2000/09/20 15:58			0
3	BRS	L3	3701 4	3,4-epoxycyclohexyl methyl-3,4-epoxycyclohexene carboxylate	USPAT	2000/09/20 15:58			0
4	BRS	L4	37	3,4-epoxycyclohexyl methyl-3,4-epoxycyclohexene adj carboxylate	USPAT	2000/09/20 15:59			0
5	BRS	L6	0	4 and 5	USPAT	2000/09/20 16:00			0
6	BRS	L5	278	(Epon adj "1050") or (ECN adj ("1273" "1280" "20495"))	USPAT	2000/09/20 16:03			0
7	BRS	L7	0	5 and (25$acrylate 25$methacrylate)	USPAT	2000/09/20 16:04			0
8	BRS	L8	160	5 and (acrylate methacrylate)	USPAT	2000/09/20 16:05			0
9	BRS	L9	29	5 and (acrylate methacrylate) and (cycloaliphatic adj ep	USPAT	2000/09/20 16:36			0
10	BRS	L10	184	525/482.ccls.	USPAT	2000/09/20 17:20			0
11	BRS	L11	88	sr adj "351"	USPAT	2000/09/20 18:23			0
12	BRS	L12	245	522/142,144.ccls.	USPAT	2000/09/20 18:24			0
13	BRS	L13	245	(522/142 522/144).ccls.	USPAT	2000/09/20 18:24			0
14	BRS	L14	245	(522/142 522/144).ccls. not	USPAT	2000/09/20 18:24			0
15	BRS	L15	245	(522/142 522/144).ccls. not 525/482.ccls.	USPAT	2000/09/20 18:25			0

For File East Search when clearly shown ~~on~~ available on screen

C. Hamilton East Product ~~Spec~~

Saved

	Type	His	Search Text	DBs	Time Stamp	Comment	Error Def	Errors
1	BRS	0	cyroacure same uvr same "6105"	USPAT	2000/09/20 15:46			0
2	BRS	16	cyracure same uvr same "6105"	USPAT	2000/09/20 15:58			0
3	BRS	370	3,4-epoxycyclohexylmethyl-3,4-epoxycyclohexene carboxylate	USPAT	2000/09/20 15:58			0
4	BRS	1371	3,4-epoxycyclohexylmethyl-3,4-epoxycyclohexene adj carboxylate	USPAT	2000/09/20 15:59			0
5	BRS	0	(3,4-epoxycyclohexylmethyl-3,4-epoxycyclohexene adj carboxylate) and ((Epon adj "1050") or (ECN adj ("1273" "1280" "9495")))	USPAT	2000/09/20 16:00			0
6	BRS	278	(Epon adj "1050") or (ECN adj ("1273" "1280" "9495"))	USPAT	2000/09/20 16:03			0
7	BRS	0	((Epon adj "1050") or (ECN adj ("1273" "1280" "9495"))) and (25$acrylate 25$methacrylate)	USPAT	2000/09/20 16:04			0
8	BRS	160	((Epon adj "1050") or (ECN adj ("1273" "1280" "9495"))) and (acrylate methacrylate)	USPAT	2000/09/20 16:05			0
9	BRS	29	((Epon adj "1050") or (ECN adj ("1273" "1280" "9495"))) and (acrylate methacrylate) and (cycloaliphatic adj epoxy)	USPAT	2000/09/20 16:36			0
10	BRS	184	525/482.ccls.	USPAT	2000/09/20 17:20			0
11	BRS	88	sr adj "351"	USPAT	2000/09/20 18:23			0
12	BRS	245	522/142,144.ccls.	USPAT	2000/09/20 18:24			0
13	BRS	245	(522/142 522/144).ccls.	USPAT	2000/09/20 18:24			0
14	BRS	245	(522/142 522/144).ccls. not 525/482.ccls.	USPAT	2000/09/20 18:24			0
15	BRS	245	(522/142 522/144).ccls. not 525/482.ccls.	USPAT	2000/09/20 19:48			0
16	BRS	32	bf-1000 or bf adj "1000"	USPAT	2000/09/20 18:44			0
17	BRS	439	(430/280.1 or 522/2,170).ccls.	USPAT	2000/09/20 19:49			0
18	BRS	435	(430/280.1 or 522/2,170).ccls. not (525/482 522/144,142).ccls.	USPAT	2000/09/21 08:57			0
19	ISA&	1	("6120974").PN.	USPAT	2000/09/21 08:58			0
20	RSA&	1	("5965325").PN.	USPAT	2000/09/21 08:58			0
21	BRS	363	(cresol novolac) near10 (epoxy or epoxid$5)	USPAT	2000/09/21 11:35			0
22	BRS	$59	(cresol novolac novolak or novalac or novalak) near10 (epoxy or epoxid$5)	USPAT	2000/09/21 11:36			0

Reissue 09481654, WSP

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
23	BRS	15589	(cycloaliphatic epoxycyclohexene epoxycyclohexyl$20) and (epoxid$25 or epoxy$25)	USPAT	2000/09/21 11:40		Truncation Overflow. Returning	1

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Error Qualifier
1	BRS	0	cyroacure same uvr same "6105"	USPAT	2000/09/20 15:46			0
2	BRS	16	cyracure same uvr same "6105"	USPAT	2000/09/20 15:58			0
3	BRS	370	3,4-epoxycyclohexylmethyl-3,4-epoxycyclohexene carboxylate	USPAT	2000/09/20 15:58			0
4	BRS	137	3,4-epoxycyclohexylmethyl-3,4-epoxycyclohexene adj carboxylate	USPAT	2000/09/20 15:59			0
5	BRS	0	(3,4-epoxycyclohexylmethyl-3,4-epoxycyclohexene adj carboxylate) and ((Epon adj "1050") or (ECN adj ("1273" "1280" "9495")))	USPAT	2000/09/20 16:00			0
6	BRS	278	(Epon adj "1050") or (ECN adj ("1273" "1280" "9495"))	USPAT	2000/09/20 16:03			0
7	BRS	0	((Epon adj "1050") or (ECN adj ("1273" "1280" "9495"))) and (25$acrylate 25$methacrylate)	USPAT	2000/09/20 16:04			0
8	BRS	160	((Epon adj "1050") or (ECN adj ("1273" "1280" "9495"))) and (acrylate methacrylate)	USPAT	2000/09/20 16:05			0
9	BRS	29	((Epon adj "1050") or (ECN adj ("1273" "1280" "9495"))) and (acrylate methacrylate) and (cycloaliphatic adj epoxy)	USPAT	2000/09/20 16:36			0
10	BRS	1844	525/482.ccls.	USPAT	2000/09/20 17:20			0
11	BRS	88	sr adj "351"	USPAT	2000/09/20 18:23			0
12	BRS	245	522/142,144.ccls.	USPAT	2000/09/20 18:24			0
13	BRS	245	(522/142 522/144).ccls.	USPAT	2000/09/20 18:24			0
14	BRS	245	(522/142 522/144).ccls. not 525/482.ccls.	USPAT	2000/09/20 18:24			0
15	BRS	245	(522/142 522/144).ccls. not 525/482.ccls.	USPAT	2000/09/20 19:48			0
16	BRS	32	bf-1000 or bf adj "1000"	USPAT	2000/09/20 18:44			0
17	BRS	439	(430/280.1 or 522/2,170).ccls.	USPAT	2000/09/20 19:49			0
18	BRS	435	(430/280.1 or 522/2,170).ccls. not (525/482 522/144,142).ccls.	USPAT	2000/09/22 15:59			0
19	ISS & RS	1	("6120974").PN.	USPAT	2000/09/21 08:58			0
20	ISS & BRS	1	("5965325").PN.	USPAT	2000/09/21 08:58			0
21	BRS	363	(cresol novolac) near10 (epoxy or epoxid$5)	USPAT	2000/09/21 11:35			0
22	BRS	597	(cresol novolac novolak or novalac or novalak) near10 (epoxy or epoxid$5)	USPAT	2000/09/21 12:02			0

	Type	Hits	Search Text	DBs	Time Stamp	Comment	Error Def	Error Code
23	BRS	1589	(cycloaliphatic epoxycyclohexene epoxycyclohexyl$20) and (epoxid$25 or epoxy$25)	USPAT	2000/09/21 12:02		Unconfirmed Retrieval	1
24	BRS	597	(cresol novolac novolak or novalac or novalak) near10 (epoxy or epoxid$5)	USPAT	2000/09/21 12:07		Unconfirmed Retrieval	0
25	BRS	1596	(cycloaliphatic epoxycyclohexene epoxycyclohexyl$15) and (epoxid$20 or epoxy$20)	USPAT	2000/09/21 12:03		Unconfirmed Retrieval	1
26	BRS	150	(cycloaliphatic epoxycyclohexene epoxycyclohexyl$15) and (epoxid$10 or epoxy)	USPAT	2000/09/21 12:04		Unconfirmed Retrieval	0
27	BRS	220	((cresol novolac novolak or novalac or novalak) near10 (epoxy or epoxid$5)) and ((cycloaliphatic epoxycyclohexene epoxycyclohexyl$15) and (epoxid$10 or epoxy))	USPAT	2000/09/21 12:05			0
28	BRS	123	((cresol novolac novolak or novalac or novalak) near10 (epoxy or epoxid$5)) and ((cycloaliphatic epoxycyclohexene epoxycyclohexyl$15) and (epoxid$10 or epoxy)) and (acrylate or methacrylate or free adj radical)	USPAT	2000/09/21 12:06			0
29	BRS	597	((cresol novolac novolak or novalac or novalak) near10 (epoxy or epoxid$5)) same ((cresol novolac novolak or novalac or novalak) near10 (epoxy or epoxid$5))	USPAT	2000/09/21 12:08			0

	Type	His	Search Text	DBs	Time Stamp	Comment	Error Def	Error
30	BRS	7: 3: 3	((cresol novolac novolak or novalac or novalak) near10 (epoxy or epoxid$5)) same ((cycloaliphatic epoxycyclohexene epoxycyclohexyl$15) and (epoxid$20 or epoxy$20))	USPAT	2000/09/21 12:12		Truncation Overflow. Recursion stopped.	1
31	BRS	5: 1: 7	(((cresol novolac novolak or novalac or novalak) near10 (epoxy or epoxid$5)) same ((cycloaliphatic epoxycyclohexene epoxycyclohexyl$15) and (epoxid$20 or epoxy$20))) and (acrylate or methacrylate or free adj radical)	USPAT	2000/09/21 12:11		Truncation Overflow. Returning first	1
32	BRS	7: 3: 3	((cresol novolac novolak or novalac or novalak) near10 (epoxy or epoxid$5)) same ((cycloaliphatic epoxycyclohexene epoxycyclohexyl$10) and (epoxid$10 or epoxy))	USPAT	2000/09/21 12:13			0
33	BRS	5: 1: 8	(((cresol novolac novolak or novalac or novalak) near10 (epoxy or epoxid$5)) same ((cycloaliphatic epoxycyclohexene epoxycyclohexyl$10) and (epoxid$10 or epoxy))) and (methacrylate or acrylate or free adj radical$3)	USPAT	2000/09/22 16:00			0
34	ISR& R	5: 1	("4555414").PN.	USPAT	2000/09/21 13:54			0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comment	Error Definition	Errors
1	S&I	L1	1	("3742086").PN.	USPAT	2000/09/22 15:08			0
2	BRS	L42	435	(430/280.1 or 522/2,170).ccls. not (525/482 522/144,142).ccls.	USPAT	2000/09/22 15:59			0
3	BRS	L43	518	(((cresol novolac novolak or novalac or novalak) near10 (epoxy or epoxid$5)) same ((cycloaliphatic epoxycyclohexene epoxycyclohexyl$10) and (epoxid$10 or epoxy))) and (methacrylate or acrylate or free adj radical$3)	USPAT	2000/09/22 16:00			0
4	BRS	L44	28	42 and 43	USPAT	2000/09/22 16:01			0

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     (FILE 'HOME' ENTERED AT 16:13:27 ON 20 SEP 2000)

      FILE 'REGISTRY' ENTERED AT 16:13:44 ON 20 SEP 2000
L1             1 S CYRACURE AND 6105
L2             6 S EPON AND 1050
L3             0 S EPON 1050

      FILE 'CA' ENTERED AT 16:15:00 ON 20 SEP 2000
L4          1632 S L1
L5            32 S L4 AND (NOVOLAC OR CRESOL)
L6             4 S L5 AND (FREE RADICAL? OR ACRYLATE? OR METHACRYLATE?)

      FILE 'USPATFULL' ENTERED AT 16:17:02 ON 20 SEP 2000
L7           129 S L6
L8             0 S L1(P) (NOVOLAC OR CRESOL) AND FREE RADICAL?
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STN search
ON SN 09-481654
Reissue

C Hamilton

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NEWS 4	Jun 28	CAS covers Web-distributed preprints
NEWS 5	Jul 7	Patent Full-text Cluster, PNTTEXT, introduced
NEWS 6	Jul 27	EUROPATFULL - loading of backlog data
NEWS 7	Jul 27	MORE FREQUENT UPDATES FOR DERWENT WORLD PATENTS INDEX IN 2000
NEWS 8	Jul 27	Derwent Journal Of Synthetic Methods Reloaded with New Data
NEWS 9	Jul 27	DERWENT WORLD PATENTS INDEX: FAST TRACK RELEASE OF EQUIVALENT PATENTS
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FILE 'HOME' ENTERED AT 16:13:27 ON 20 SEP 2000

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.15	0.15

FILE 'REGISTRY' ENTERED AT 16:13:44 ON 20 SEP 2000
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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STRUCTURE FILE UPDATES: 19 SEP 2000 HIGHEST RN 289697-49-0
DICTIONARY FILE UPDATES: 19 SEP 2000 HIGHEST RN 289697-49-0

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 11, 2000

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT for details.

=> s cyracure and 6105

44 CYRACURE
34 6105
L1 1 CYRACURE AND 6105

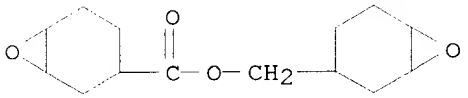
=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2000 ACS
RN 25085-98-7 REGISTRY
CN 7-Oxabicyclo[4.1.0]heptane-3-carboxylic acid, 7-oxabicyclo[4.1.0]hept-3-ylmethyl ester, homopolymer (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 7-Oxabicyclo[4.1.0]heptane-3-carboxylic acid, 7-oxabicyclo[4.1.0]hept-3-ylmethyl ester, polymers (8CI)
OTHER NAMES:
CN (3,4-Epoxycyclohexyl)methyl 3,4-epoxycyclohexylcarboxylate polymer
CN 3,4-Epoxycyclohexylmethyl 3',4'-epoxycyclohexanecarboxylate polymer
CN 3,4-Epoxycyclohexylmethyl 3,4-epoxycyclohexanecarboxylate homopolymer
CN 3,4-Epoxycyclohexylmethyl 3,4-epoxycyclohexanecarboxylate polymer
CN 3,4-Epoxycyclohexylmethyl 3,4-epoxycyclohexanecarboxylate resin
CN 3,4-Epoxycyclohexylmethyl-3',4'-epoxycyclohexanecarboxylate homopolymer
CN Adeka Optomer ERL 4221
CN Adeka Optomer KRM 2110
CN Araldite CY 179
CN Bakelite ERL 4221
CN Bakelite ERL 4221G
CN Bakelite ERL 4421
CN CEL 2021P
CN Celloxide 2021
CN Celloxide 2021A
CN Celloxide 2021P
CN Celloxide 2201
CN CH 221
CN Chissonox 221
CN Chissonox CX 221
CN CP 1608
CN CX 221
CN CY 179
CN **Cyracure UVR 6100**
CN **Cyracure UVR 6105**
CN **Cyracure UVR 6110**
CN Degacure K 126
CN Degussa 126
CN Diepoxid 126
CN Epikote 171
CN ER 4221
CN ERL 4211

CN ERL 4221
CN ERL 4221D
CN ERL 4221E
CN ERL 4421
CN ERLA 4221
CN K 126
CN KRM 2110
CN Poly[(3,4-epoxycyclohexyl)methyl 3,4-epoxycyclohexanecarboxylate]
CN SarCat K 126
CN Ucar 4221
CN Unox 221
CN Unox 4221
CN UP 632
CN Uvacure 1500
CN **UVR 6105**
CN UVR 6110
DR 9083-95-8, 11120-79-9, 125053-37-4, 121396-47-2, 129773-39-3, 95078-13-0, 95078-14-1, 50809-37-5, 50861-60-4, 61489-54-1, 65430-69-5, 111483-58-0, 137607-28-4, 146123-76-4, 30350-17-5, 39354-66-0, 52725-58-3, 189201-55-6, 216496-08-1, 251369-29-6
MF (C14 H20 O4)x
CI PMS, COM
PCT Epoxy resin, Polyester
LC STN Files: BIOSIS, CA, CAPLUS, CHEMLIST, CIN, IFICDB, IFIPAT, IFIUDB, PROMT, TOXLINE, TOXLIT, USPATFULL
Other Sources: NDSL**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 2386-87-0
CMF C14 H20 O4



1589 REFERENCES IN FILE CA (1967 TO DATE)
119 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1591 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> s epon and 1050

535 EPON
182 1050
L2 6 EPON AND 1050

=> s epon 1050

535 EPON
182 1050
L3 0 EPON 1050
(EPON(W)1050)

=> d l2 6

L2 ANSWER 6 OF 6 REGISTRY COPYRIGHT 2000 ACS
RN 25068-38-6 REGISTRY
CN Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane

(9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1-Chloro-2,3-epoxypropane-4,4'-isopropylidenediph 1 polymer
CN 164SV
CN 2,2-Bis(4-hydroxyphenyl)propane-epichlorohydrin copolymer
CN 2,2-Bis(4-hydroxyphenyl)propane-epichlorohydrin polymer
CN 2,2-Bis(hydroxyphenyl)propane-epichlorohydrin copolymer
CN 2,2-Bis(p-hydroxyphenyl)propane-epichlorohydrin condensate
CN 2,2-Bis(p-hydroxyphenyl)propane-epichlorohydrin copolymer
CN 2,2-Bis(p-hydroxyphenyl)propane-epichlorohydrin polymer
CN 2,2-Diphenylolpropane-epichlorohydrin polymer
CN 4,4'-Dihydroxydiphenylpropane-epichlorohydrin polymer
CN 4,4'-Isopropylidenediphenol-epichlorohydrin polymer
CN 684EK40
CN A 39
CN A 39 (polymer)
CN AA 2662
CN AD 301
CN Adbond 5300A
CN Adeka EP 4300
CN Adeka EP 5100-75X
CN Adeka EP 5700
CN Adeka EP 5900
CN Adeka Optomer KRM 2410
CN AER 331
CN AER 337
CN AER 661
CN AER 661x-75
CN AER 664
CN AER 664P
CN AER 667
CN AER 669
CN Aicarpox BL
CN Aicarpox BL 100
CN Aicarpox BS
CN Aicarpox BS 001
CN Aicarpox BS 001OG
CN Aicarpox BS 001SS
CN Aicarpox BS 004
CN Aicarpox BS 004S
CN AP 2
CN Araldite 471X75
CN Araldite 527
CN Araldite 6004
CN Araldite 6005
CN Araldite 6010
CN Araldite 6020
CN Araldite 6071
CN Araldite 6084
CN Araldite 6097
CN Araldite 6099
CN Araldite 6100
CN **Bisphenol A-Epon 829 copolymer**
CN **Epiclon 1050**
CN **Epiclon 1050-70**
CN **Epon 1001**
CN **Epon 1001B80**
CN **Epon 1001F**
CN **Epon 1001X75**
CN **Epon 1001X80**
CN **Epon 1002**
CN **Epon 1002F**
CN **Epon 1004**
CN **Epon 1004F**
CN **Epon 1007**

CN **Epon 1007F**
CN **Epon 1009**
CN **Epon 1009F**
CN **Epon 1010**
CN **Epon 1104**
CN **Epon 2001**
CN **Epon 2002**
CN **Epon 2004**
CN **Epon 201**
CN **Epon 2042**
CN **Epon 287**
CN **Epon 291**
CN **Epon 384**
CN **Epon 820**
CN **Epon 825**
CN **Epon 826**
CN **Epon 827**
CN **Epon 828**
CN **Epon 828LS**
CN **Epon 828RS**
CN **Epon 829**
CN **Epon 830**
CN **Epon 834**
CN **Epon 834X90**
CN **Epon 836**
CN **Epon 840**
CN **Epon 880**
CN **Epon 9102**
CN **Epon 9302**
CN **Epon DPS 2012**
CN **Epon DPS 2014**
CN **Epon DRH 201**
CN **Eponol 53**
CN **Eponol 53B40**
CN **Eponol 53L32**
CN **Eponol 55**
CN **Eponol 55B40**
CN **Eponol 55BQ20**
CN **Eponol 55L32**

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for DISPLAY

AR 26402-79-9

DR 8000-31-5, 9049-54-1, 9050-21-9, 9081-91-8, 9083-76-5, 9084-94-0, 9086-62-8, 9087-26-7, 9087-76-7, 11097-80-6, 11098-13-8, 11098-40-1, 11100-23-5, 11108-41-1, 11120-31-3, 11121-19-0, 11126-36-6, 167972-06-7, 161937-12-8, 128281-71-0, 127176-80-1, 127176-81-2, 53238-86-1, 53238-87-2, 53239-67-1, 53239-68-2, 53570-97-1, 53570-98-2, 53681-78-0, 53858-93-8, 54018-73-4, 58052-05-4, 58128-38-4, 58392-89-5, 58392-92-0, 58516-14-6, 58572-71-7, 59029-19-5, 125147-87-7, 56258-35-6, 56449-43-5, 56509-48-9, 57107-66-1, 57284-90-9, 57534-21-1, 57693-04-6, 123939-44-6, 55464-96-5, 55584-55-9, 55585-07-4, 55818-73-0, 59459-14-2, 59948-36-6, 60202-19-9, 60267-31-4, 60382-89-0, 60606-56-6, 120146-74-9, 120797-43-5, 121273-37-8, 63799-24-6, 63993-57-7, 63993-58-8, 64086-14-2, 64086-16-4, 64176-52-9, 64176-61-0, 64176-66-5, 64177-03-3, 62601-75-6, 62601-76-7, 62887-23-4, 63055-40-3, 63172-55-4, 132822-20-9, 132893-73-3, 97709-01-8, 99400-50-7, 95327-25-6, 96420-31-4, 96510-68-8, 103599-14-0, 104364-97-8, 104491-99-8, 105521-57-1, 66995-96-8, 67185-62-0, 114013-37-5, 50642-36-9, 50642-55-2, 50642-78-9, 51158-20-4, 51273-81-5, 51329-73-8, 51393-99-8, 51394-03-7, 60800-54-6, 60831-77-8, 60894-16-8, 61036-82-6, 61287-42-1, 61356-27-2, 61711-38-4, 61991-18-2, 62169-28-2, 62169-29-3, 108556-05-4, 108728-21-8, 65931-38-6, 65931-39-7, 37184-50-2, 37184-52-4, 37208-29-0, 37217-92-8, 37230-74-3, 37243-66-6, 37243-67-7, 37251-33-5, 37265-21-7, 37270-82-9, 37291-75-1, 37293-07-5, 37294-18-1, 37305-82-1, 37307-45-2, 37317-45-6, 37325-21-6, 37338-63-9, 37342-17-9, 37345-34-9, 37348-56-4,

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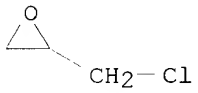
52627-94-8, 52907-38-7, 53027-88-6, 53127-14-3, 53200-30-9, 101027-12-7,
107991-47-9, 110158-22-0, 117216-90-7, 118340-04-8, 157321-42-1,
160674-45-3, 179607-24-0, 183581-68-2, 187619-11-0, 222835-65-6,
222835-66-7, 222835-68-9, 222835-69-0, 222835-70-3, 222835-72-5,
222835-74-7, 222835-77-0
MF (C15 H16 O2 . C3 H5 Cl O)x
CI PMS, COM
PCT Epoxy resin
LC STN Files: BIOBUSINESS, BIOSIS, CA, CANCERLIT, CAPLUS, CHEMCATS,
CHEMLIST, CIN, CSCHEM, CSNB, IFICDB, IFIPAT, IFIUDB, MEDLINE, MSDS-OHS,
NIOSHTIC, PDLCOM*, PIRA, PLASPEC*, PROMT, RTECS*, TOXLINE, TOXLIT,
USPATFULL
(*File contains numerically searchable property data)
Other Sources: DSL**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

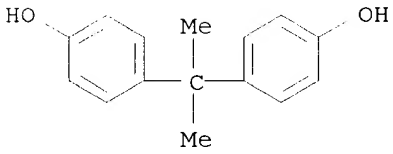
CM 1

CRN 106-89-8
CMF C3 H5 Cl O



CM 2

CRN 80-05-7
CMF C15 H16 O2



22927 REFERENCES IN FILE CA (1967 TO DATE)
3693 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
22950 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> file ca

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	25.04	25.19

FILE 'CA' ENTERED AT 1[redacted]5:00 ON 20 SEP 2000
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEM[redacted]T.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1967 - 15 Sep 2000 VOL 133 ISS 13
FILE LAST UPDATED: 15 Sep 2000 (20000915/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

Now you can extend your author, patent assignee, patent information, and title searches back to 1907. The records from 1907-1966 now have this searchable data in CAOLD. You now have electronic access to all of CA: 1907 to 1966 in CAOLD and 1967 to the present in CA on STN.

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=> d his


     (FILE 'HOME' ENTERED AT 16:13:27 ON 20 SEP 2000)

     FILE 'REGISTRY' ENTERED AT 16:13:44 ON 20 SEP 2000
L1             1 S CYRACURE AND 6105
L2             6 S EPON AND 1050
L3             0 S EPON 1050

     FILE 'CA' ENTERED AT 16:15:00 ON 20 SEP 2000

=> s l1

L4          1632 L1

=> s l4 and (novolac or cresol)

           1288 NOVOLAC
          28558 CRESOL
L5           32 L4 AND (NOVOLAC OR CRESOL)

=> s l5 and (free radical? or acrylate? or methacrylate?)

         755362 FREE
         233059 RADICAL?
          55958 FREE RADICAL?
                  (FREE(W)RADICAL?)
         127658 ACRYLATE?
         143880 METHACRYLATE?
L6            4 L5 AND (FREE RADICAL? OR ACRYLATE? OR METHACRYLATE?)

=> d all 1-4


L6   ANSWER 1 OF 4  CA  COPYRIGHT 2000 ACS
AN   125:88164  CA
TI   Hydrolytic stable glass fiber-reinforced polyester resins
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IN Van Helmond, Jan
PA General Electric Company, USA
SO Eur. Pat. Appl. [redacted]0 pp.
CODEN: EPXXDW
DT Patent
LA English
IC ICM C08L067-02
ICS C08L063-00
CC 37-6 (Plastics Manufacture and Processing)
Section cross-reference(s): 38
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 712899	A1	19960522	EP 1994-118257	19941119
EP 712899	B1	19990602		
R: DE, ES, FR, GB, IT, NL				
ES 2131620	T3	19990801	ES 1994-118257	19941119
US 5731390	A	19980324	US 1995-434132	19950502
PRAI EP 1994-118257	19941119			

AB A thermoplastic resin compn. having improved hydrolytic stability having in admixt. a satd. polyester resin such as poly(butylene terephthalate), an epoxy **novolac**, a glass fiber reinforcing filler and a catalyst such as sodium stearate. Preferably the polyester component is selected from the group consisting of poly(butylene terephthalate), poly(ethylene terephthalate), poly(1,4-cyclohexanedimethanol terephthalate) and blends of any of the foregoing, and is present in an amt. ranging from .apprx.15-80% based on the wt. of the total compn. The preferred epoxy compd. is an ortho **cresol novolac** epoxy resin.

ST hydrolytic stable polyester epoxy glass composite; impact resistant polyester glass extrusion compn; molding compn **novolac** epoxy polyester glass

IT Fireproofing agents
Impact-resistant materials
(prodn. of hydrolytic stable glass fiber-reinforced polyester resins)

IT Glass fibers, uses
RL: MOA (Modifier or additive use); USES (Uses)
(prodn. of hydrolytic stable glass fiber-reinforced polyester resins)

IT Polyesters, uses
RL: POF (Polymer in formulation); TEM (Technical or engineered material use); USES (Uses)
(prodn. of hydrolytic stable glass fiber-reinforced polyester resins)

IT Phenolic resins, uses
RL: MOA (Modifier or additive use); USES (Uses)
(epoxy, novolak, ECN-type; prodn. of hydrolytic stable glass fiber-reinforced polyester resins)

IT Rubber, synthetic
RL: MOA (Modifier or additive use); USES (Uses)
(ethylene-glycidyl **methacrylate**-Me **acrylate**, impact modifier; prodn. of hydrolytic stable glass fiber-reinforced polyester resins)

IT Plastics, reinforced
RL: POF (Polymer in formulation); TEM (Technical or engineered material use); USES (Uses)
(glass fiber-, prodn. of hydrolytic stable glass fiber-reinforced polyester resins)

IT Rubber, butadiene-styrene, uses
RL: MOA (Modifier or additive use); USES (Uses)
(hydrogenated, block, triblock, impact modifier; prodn. of hydrolytic stable glass fiber-reinforced polyester resins)

IT Epoxy resins, uses
RL: MOA (Modifier or additive use); USES (Uses)
(phenolic, novolak, ECN-type; prodn. of hydrolytic stable glass fiber-reinforced polyester resins)

IT 822-16-2, Sodium stearate

RL: CAT (Catalyst use); USES (Uses)
(prodn. of hydrolytic stable glass fiber-reinforced polyester resins)

IT **25085-98-7**, ERL 4221
RL: MOA (Modifier or additive use); USES (Uses)
(prodn. of hydrolytic stable glass fiber-reinforced polyester resins)

IT 24936-69-4, Poly(1,4-cyclohexanedimethanol terephthalate) 24968-12-5, Poly(butylene terephthalate) 25037-99-4, 1,4-Cyclohexanedimethanol-terephthalic acid copolymer 25038-59-9, Poly(ethylene terephthalate), uses 26062-94-2, Poly(butylene terephthalate)
RL: POF (Polymer in formulation); TEM (Technical or engineered material use); USES (Uses)
(prodn. of hydrolytic stable glass fiber-reinforced polyester resins)

IT 106107-54-4
RL: MOA (Modifier or additive use); USES (Uses)
(rubber, hydrogenated, block, triblock, impact modifier; prodn. of hydrolytic stable glass fiber-reinforced polyester resins)

IT 51541-08-3, Ethylene-glycidyl **methacrylate**-methyl **acrylate** copolymer
RL: MOA (Modifier or additive use); USES (Uses)
(rubber, impact modifier; prodn. of hydrolytic stable glass fiber-reinforced polyester resins)

L6 ANSWER 2 OF 4 CA COPYRIGHT 2000 ACS
AN 107:178176 CA
TI Use of aromatic amines for setting epoxide resins
IN Nichols, Gus
PA USA
SO U.S., 9 pp.
CODEN: USXXAM
DT Patent
LA English
IC ICM C08G059-54
ICS C08G059-68
NCL 528088000
CC 42-9 (Coatings, Inks, and Related Products)
Section cross-reference(s): 25, 27, 37
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 4668757	A	19870526	US 1984-593592	19840326

AB Arom. amines and their alkyl, imine, amide, and/or imide group-contg. derivs. are used with epoxy resins and catalysts comprising phenols, cresols, etc., in the prepn. of compns. which cure at ambient temps. The compns. are useful as 2-component coating or casting systems. Condensing 2.0 mol 2,4-bis(p-aminobenzyl)aniline with 3.0 mol phthalic anhydride to remove 3.0 mol H2O gave an imide-amine, which (47 g) was mixed with 28 g iso-BuCOMe and 25 g toluene to give a soln. The soln. was mixed an equal amt. of a soln. comprising Epon 828 51.3, o-**cresol** 5, toluene 12, and iso-BuCOMe 31.7 g to give a coating compn. which had pot life 1.5 h and gave coatings which were tackfree after 3 h and hard after 12 h. Without o-**cresol**, the films remained tacky for weeks.

ST amine arom hardening epoxy coating; phenol catalyst hardening epoxy amine; **cresol** catalyst hardening epoxy amine; amide amine arom hardening epoxy; imide amine arom hardening epoxy; crosslinking epoxy arom amine catalyst; imine amine arom hardening epoxy

IT Crosslinking agents
(arom. amines, for epoxy resins in presence of phenol catalysts)

IT Phenols, uses and miscellaneous
RL: CAT (Catalyst use); USES (Uses)
(catalysts, for curing of epoxy resins by arom. amines)

IT Epoxy resins, uses and miscellaneous
RL: USES (Uses)
(curing of, by arom. amines, catalysts for)

IT Coating materials

(epoxy resin-arom. amine compns., curing of, catalysts for)

IT Crosslinking catalysts
(phenols, for epoxy resins by arom. amines)

IT Amides, uses and miscellaneous
Amines, uses and miscellaneous
RL: USES (Uses)
(aryl, curing by, of epoxy resins, catalysts for)

IT Crosslinking
(room-temp., of epoxy resins by arom. amines in presence of phenols)

IT 95-48-7, o-**Cresol**, uses and miscellaneous 95-57-8, o-Chlorophenol 1300-71-6, Xylenol 25154-52-3, Nonylphenol 28805-86-9, Butylphenol
RL: CAT (Catalyst use); USES (Uses)
(catalysts, for curing of epoxy resins with arom. amines)

IT 62-53-3D, Aniline, reaction products with acrylic compds. 64-18-6D, Formic acid, reaction products with arom. amines 79-06-1D, reaction products with arom. amines 79-14-1D, Hydroxyacetic acid, reaction products with arom. amines 80-08-0D, Bis(4-aminophenyl)sulfone, reaction products with arom. dicarboxylic anhydrides 85-42-7D, Hexahydrophthalic anhydride, reaction products with arom. amines 85-43-8D, Tetrahydrophthalic anhydride, reaction products with arom. amines 85-44-9D, reaction products with arom. amines 101-77-9D, reaction products with carboxylic anhydrides 101-80-4D, Bis(4-aminophenyl) ether, reaction products with dicarboxylic anhydrides and acrylic compds. 107-13-1D, reaction products with arom. amines 108-31-6D, Maleic anhydride, reaction products with arom. amines 108-45-2D, m-Phenylenediamine, reaction products with acrylic compds. 110-26-9D, Methylenebisacrylamide, reaction products with arom. amines 143-07-7D, Lauric acid, reaction products with arom. amines 149-57-5D, 2-Ethylhexanoic acid, reaction products with arom. amines 818-61-1D, reaction products with arom. amines 15625-89-5D, reaction products with arom. amines 17831-71-9D, reaction products with arom. diamines 25377-73-5D, Dodecenylsuccinic anhydride, reaction products with arom. amines 25584-83-2D, Hydroxypropyl **acrylate**, reaction products with arom. diamines 25834-80-4D, 2,4-Bis(4-aminobenzyl)aniline, reaction products with carboxylic acids and anhydrides and acrylic compds. 110712-35-1D, reaction products with tetraethylene glycol diacrylate and hydroxypropyl **acrylate**
RL: USES (Uses)
(curing by, of epoxy resins in presence of phenol catalysts)

IT **25085-98-7**
RL: USES (Uses)
(curing of, by arom. amines)

IT 25068-38-6 37348-52-0
RL: USES (Uses)
(curing of, by arom. amines, catalysts for)

IT 110712-34-0 110712-36-2 110742-26-2
RL: USES (Uses)
(curing of, catalysts for)

IT 43078-52-0P 110712-35-1P 110742-25-1P
RL: PREP (Preparation)
(manuf. of, for curing of epoxy resins in presence of phenol catalysts)

IT 101-80-4
RL: RCT (Reactant)
(reaction of, with Me **acrylate**)

IT 552-30-7
RL: RCT (Reactant)
(reaction of, with methylenedianiline)

IT 96-33-3, Methyl **acrylate**
RL: RCT (Reactant)
(reaction of, with oxydianiline)

L6 ANSWER 3 OF 4 COPYRIGHT 2000 ACS
AN 107:124699 CA
TI Process for producing a liquid jet recording head
IN Noguchi, Hiromichi
PA Canon K. K. , Japan
SO U.S., 11 pp.
CODEN: USXXAM
DT Patent
LA English
IC ICM B44C001-22
ICS B29C017-08; C03C015-00; C03C025-06
NCL 156655000
CC 74-12 (Radiation Chemistry, Photochemistry, and Photographic and Other Reprographic Processes)
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4657631	A	19870414	US 1985-811460	19851220
	US 4775445	A	19881004	US 1987-1174	19870107
PRAI	JP 1984-274689		19841228		
	US 1985-811460		19851220		

AB A liq. jet recording head comprised of a liq. flow path, a liq. ejection port, and a liq. ejection energy-generating member arranged along the liq. flow path is comprised of forming a solid layer comprised of pos. photoresist on a substrate in accordance with the pattern of the liq. flow path, filling up the recess on the substrate where the solid layer is not present with a liq. flow path wall-forming material, and removing the solid layer from the substrate. The recording head thus produced is inexpensive, precise, highly reliable, and excellent in mech. strength and chem. resistance. A pos. photoresist layer (OZATEC R225) was formed on a glass substrate provided with electrothermal transducers as liq. ejecting energy-generating members, exposed through a photomask to UV, developed with an aq. caustic soda soln., sputtered with a Cr wall layer, electrolytically plated with a Ni wall layer, and treated with an EtOH-dodecylbenzenesulfonic acid mixt. to remove the resist layer to give a liq. jet recording head.

ST ink jet recording head prepn; photosensitive resin ink jet head; pos photoresist ink jet head

IT Printing apparatus
(ink-jet, heads, photofabrication of, using pos. photoresists)

IT 57835-99-1
RL: USES (Uses)
(curable resin compns. contg. epoxy resins and, for photofabrication of ink-jet recording heads using pos. photoresist)

IT 37189-54-1 39701-29-6 80940-81-4, Acrysirup SY-105 **95078-13-0** 95078-16-3 110158-77-5
RL: USES (Uses)
(curable resin compns. contg., for photofabrication of ink-jet recording heads using pos. photoresist)

IT 110158-67-3
RL: USES (Uses)
(in photofabrication of ink-jet recording heads)

IT 7440-02-0, Nickel, uses and miscellaneous
RL: USES (Uses)
(ink-jet recording heads with walls of chromium and, photofabrication of, using pos. photoresist)

IT 7440-47-3, Chromium, uses and miscellaneous
RL: USES (Uses)
(ink-jet recording heads with walls of nickel and, photofabrication of,

using pos. photoresist)
IT 9003-09-2, Poly(hyl vinyl ether) 9003-32-1, Poly(ethyl **acrylate**)
RL: USES (Uses)
(pos. photoresist contg. trihydroxybenzophenone naphthoquinonediazidosulfonate and, in photofabrication of ink-jet recording heads)
IT 107853-40-7
RL: USES (Uses)
(pos. photoresist from **cresol**-formaldehyde copolymer and, in photofabrication of ink-jet recording heads)
IT 9016-83-5
RL: USES (Uses)
(pos. photoresist from trihydroxybenzophenone naphthoquinonediazidosulfonate and, in photofabrication of ink-jet recording heads)

L6 ANSWER 4 OF 4 CA COPYRIGHT 2000 ACS
AN 106:103465 CA
TI Photocurable epoxy resin potting compositions
IN Yamase, Yukio; Takahashi, Eiji
PA Nippon Soda Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 15 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
IC ICM C08G059-34
ICS C08G059-18; C08G059-68; C08L063-08
ICA G09F009-35
CC 38-3 (Plastics Fabrication and Uses)
Section cross-reference(s): 76
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 61231022	A2	19861015	JP 1985-71700	19850404

PI JP 61231022 A2 19861015 JP 1985-71700 19850404
AB Compns. comprise butadiene polymers contg. av. 1.5 epoxy groups/mol. 10-70, .gtoreq.1 epoxy resin selected from alicyclic, bisphenol A-based, bisphenol F-based, **novolac**, and hydrogenated bisphenol A epoxy resins 30-90, a light-sensitive arom. onium salt 0.1-5.0, a (meth)acrylic ester 5-50, and a polymerizable substituent-contg. sensitizer 0.001-0.5 parts. The compns. have good adhesion, temp. shock resistance, and liq. crystal compatibility and are esp. useful as potting compns. for liq. crystal cells. Thus, a mixt. of epoxidized 1,2-polybutadiene (BF-1000) 50, an alicyclic epoxy resin (ERL-4299) 50, triphenylsulfonium hexafluoroantimonate (50% propylene carbonate soln.) 1, trimethylolpropane triacrylate 20, and vinylanthracene 0.05 part was blended to give a compn. having pot-life >60 days, hardening time 2.0 s, pencil hardness 4 H, glass transition temp. 80.0.degree., and good crosslinking properties.
ST liq crystal epoxy resin potting; photocurable epoxy resin potting compn; polybutadiene epoxidized potting compn; methylolpropane **acrylate** epoxy resin potting
IT Light-sensitive materials
(arom. onium salts, epoxidized polybutadiene-epoxy resin blends contg. potting compns. for liq. crystal cells)
IT Potting compositions
(epoxidized polybutadiene-epoxy resin blends contg. light-sensitive arom. onium salts and sensitizers and (meth)acrylic esters, for liq. crystal cells)
IT Onium compounds
RL: USES (Uses)
(photocurable epoxy potting compns. contg., for liq. crystal cells)
IT Epoxy resins, uses and miscellaneous

RL: USES (Uses)
(potting compns. contg., for liq. crystals)

IT Semiconductor devices
(potting compns. for, epoxidized polybutadiene-epoxy resin blends as)

IT Rubber, nitrile, compounds
RL: USES (Uses)
(carboxy-terminated, polymers with epoxy resins, as photocurable potting compns. for liq. crystals)

IT Rubber, butadiene, compounds
RL: USES (Uses)
(of 1,2-configuration, epoxidized, potting compns. contg., for liq. crystals)

IT Crosslinking catalysts
(photochem., vinylanthracene, epoxidized polybutadiene-epoxy resin blends contg., potting compns. for liq. crystal cells)

IT 106-91-2, Glycidyl **methacrylate** 15625-89-5 29570-58-9
RL: USES (Uses)
(photocurable epoxy potting compns. contg., for liq. crystal cells)

IT **25085-98-7**, Celloxide 2021 25085-99-8 29797-71-5, ERL-4299
67185-56-2, Epikote
RL: USES (Uses)
(potting compns. contg., for liq. crystal cells)

IT 9003-17-2D, epoxidized 88506-60-9
RL: USES (Uses)
(potting compns. contg., for liq. crystals)

IT 9003-18-3
RL: USES (Uses)
(rubber, carboxy-terminated, polymers with epoxy resins, as photocurable potting compns. for liq. crystals)

IT 9003-17-2
RL: USES (Uses)
(rubber, of 1,2-configuration, epoxidized, potting compns. contg., for liq. crystals)

IT 313-39-3, Diphenyliodonium tetrafluoroborate 1108-21-0,
Triphenylphenacylphosphonium tetrafluoroborate
RL: USES (Uses)
(sensitizer, for photocurable epoxy potting compns. for liq. crystal cells)

IT 30521-30-3, Vinylanthracene 106329-98-0 107109-21-7
RL: USES (Uses)
(sensitizers, epoxidized polybutadiene-epoxy resin blends contg., potting compns. for liq. crystal cells)

=> d his

(FILE 'HOME' ENTERED AT 16:13:27 ON 20 SEP 2000)

FILE 'REGISTRY' ENTERED AT 16:13:44 ON 20 SEP 2000
L1 1 S CYRACURE AND 6105
L2 6 S EPON AND 1050
L3 0 S EPON 1050

FILE 'CA' ENTERED AT 16:15:00 ON 20 SEP 2000
L4 1632 S L1
L5 32 S L4 AND (NOVOLAC OR CRESOL)
L6 4 S L5 AND (FREE RADICAL? OR ACRYLATE? OR METHACRYLATE?)

=> file uspatful

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	18.18	43.37

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	2.12	-2.12

FILE 'USPATFULL' ENTERED AT 16:17:02 ON 20 SEP 2000
CA INDEXING COPYRIGHT (C) 2000 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 19 Sep 2000 (20000919/PD)
FILE LAST UPDATED: 19 Sep 2000 (20000919/ED)
HIGHEST PATENT NUMBER: US6122767
CA INDEXING IS CURRENT THROUGH 19 Sep 2000 (20000919/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 19 Sep 2000 (20000919/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jul 2000
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jul 2000

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>>> Complete CA file indexing for chemical patents (or equivalents) <<<
>>> is included in file records. A thesaurus is available for the <<<
>>> USPTO Manual of Classifications in the /NCL, /INCL, and /RPCL <<<
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>>> available for the WIPO International Patent Classification <<<
>>> (IPC) Manuals, editions 1-6, in the /IC1, /IC2, /IC3, /IC4, <<<
>>> /IC5, and /IC (/IC6) fields, respectively. The thesauri in <<<
>>> the /IC5 and /IC fields include the corresponding catchword <<<
>>> terms from the IPC subject headings and subheadings. <<<

This file contains CAS Registry Numbers for easy and accurate
substance identification.

```
=> s l6

          482 L1
         5454 NOVOLAC
        23940 CRESOL
       948540 FREE
       160754 RADICAL?
        36655 FREE RADICAL?
                (FREE(W)RADICAL?)
        83738 ACRYLATE?
        77339 METHACRYLATE?
L7        129 L5 AND (FREE RADICAL? OR ACRYLATE? OR METHACRYLATE?)

=> s l1(p) (novolac or cresol) and free radical?

          482 L1
         5454 NOVOLAC
        23940 CRESOL
            0 L1(P) (NOVOLAC OR CRESOL)
       948540 FREE
       160754 RADICAL?
        36655 FREE RADICAL?
                (FREE(W)RADICAL?)
L8          0 L1(P) (NOVOLAC OR CRESOL) AND FREE RADICAL?

=> d his


     (FILE 'HOME' ENTERED AT 16:13:27 ON 20 SEP 2000)

     FILE 'REGISTRY' ENTERED AT 16:13:44 ON 20 SEP 2000
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```
L1             1 S CYRACURE AND 6105
L2             6 S EP[redacted] AND 1050
L3             0 S EP[redacted] 1050

     FILE 'CA' ENTERED AT 16:15:00 ON 20 SEP 2000
L4          1632 S L1
L5            32 S L4 AND (NOVOLAC OR CRESOL)
L6             4 S L5 AND (FREE RADICAL? OR ACRYLATE? OR METHACRYLATE?)

     FILE 'USPATFULL' ENTERED AT 16:17:02 ON 20 SEP 2000
L7           129 S L6
L8             0 S L1(P) (NOVOLAC OR CRESOL) AND FREE RADICAL?

=> log y

COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                      ENTRY     SESSION
FULL ESTIMATED COST                                    2.14       45.51

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                      ENTRY     SESSION
CA SUBSCRIBER PRICE                                    0.00       -2.12

STN INTERNATIONAL LOGOFF AT 16:18:03 ON 20 SEP 2000
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=> d his

     (FILE 'HOME' ENTERED AT 13:38:17 ON 21 SEP 2000)

     FILE 'REGISTRY' ENTERED AT 13:38:22 ON 21 SEP 2000
L1            24 S ERL 4221
L2             1 S ERL 4221/CN
L3             0 S DEN 428
L4           241 S DEN 438
L5             1 S DEN 438/CN

     FILE 'USPATFULL' ENTERED AT 13:39:50 ON 21 SEP 2000
L6           440 S DEN 438
L7           320 S L6 AND VISCOSITY
L8            18 S L7 AND POISE
L9            18 S L7 (25A) POISE
L10           18 S L7 (P) POISE
L11          659 S VINYL TOLUENE (P) RADICAL?
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